

| Ref # | Hits | Search Query          | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------|---|------------------|---------|------------------|
| L2    | 20   | chang-ko-hsing.inv.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:12 |
| L3    | 11   | huang-chiu-tsung.inv. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:12 |
| L4    | 2    | "6821849".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:15 |
| L5    | 2    | "6794710".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:15 |
| L6    | 2    | "6768162".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:15 |
| L7    | 2    | "6737700".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:16 |
| L8    | 2    | "6635533".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:16 |
| L9    | 2    | "6117748".pn.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/03/07 01:17 |

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| L10 | 2    | "6103575".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/07 01:17 |
| L11 | 2    | "6096603".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/07 01:17 |
| L12 | 2    | "6026028".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/07 01:18 |
| S1  | 1031 | 257/314.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:47 |
| S2  | 969  | 257/321.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:47 |
| S3  | 677  | 257/324.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:48 |
| S4  | 159  | 257/325.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:48 |
| S5  | 225  | 257/333.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:53 |

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| S6  | 711 | 257/411.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 16:55 |
| S7  | 138 | 257/638.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 17:57 |
| S8  | 19  | composite adj gate adj insulator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:29 |
| S9  | 9   | composite adj gate adj insulation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:00 |
| S10 | 0   | composite adj gate adj insulative | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:00 |
| S11 | 112 | composite adj gate adj dielectric | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:13 |
| S12 | 62  | ono adj gate adj dielectric       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S13 | 9   | ono adj gate adj insulator        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:10 |

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| S14 | 7  | ono adj gate adj insulation   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:11 |
| S15 | 0  | ono adj gate adj insulative   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:11 |
| S16 | 9  | ono adj gate adj oxide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:11 |
| S17 | 30 | composite adj gate adj oxide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:24 |
| S18 | 0  | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gate adj oxide      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:26 |
| S19 | 0  | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gate adj dielectric | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:25 |
| S20 | 0  | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gate adj insulator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:25 |
| S21 | 0  | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gate adj insulation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:25 |

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| S22 | 0 | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gate adj insulative | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:25 |
| S23 | 0 | (silicon adj oxide) adj (silicon adj nitride) adj (silicon adj oxide) adj gox                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:25 |
| S24 | 0 | (sio) adj (sin) adj (sio) adj gate adj oxide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S25 | 0 | (sio) adj (sin) adj (sio) adj gate adj dielectric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S26 | 0 | (sio) adj (sin) adj (sio) adj gate adj insulator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S27 | 0 | (sio) adj (sin) adj (sio) adj gate adj insulation   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S28 | 0 | (sio) adj (sin) adj (sio) adj gate adj insulative   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S29 | 0 | (sio) adj (sin) adj (sio) adj gox   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |

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| S30 | 0 | (sio) adj (sin) adj gox                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S31 | 0 | (sio) adj (sin) adj gate adj oxide      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S32 | 0 | (sio) adj (sin) adj gate adj dielectric | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:27 |
| S33 | 0 | (sio) adj (sin) adj gate adj insulator  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S34 | 0 | (sio) adj (sin) adj gate adj insulation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S35 | 0 | (sio) adj (sin) adj gate adj insulative | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S36 | 2 | ono adj gox                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:28 |
| S37 | 0 | composite adj gox                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:35 |

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| S38 | 15 | compound adj gate adj dielectric    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:36 |
| S39 | 5  | compound adj gate adj insulator     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:37 |
| S40 | 2  | compound adj gate adj insulation    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:38 |
| S41 | 0  | compound adj gate adj insulative    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:38 |
| S42 | 1  | compound adj gox                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:38 |
| S43 | 0  | alternating adj gox                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:39 |
| S44 | 0  | alternating adj gate adj dielectric | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:40 |
| S45 | 0  | alternating adj gate adj oxide      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:40 |

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| S46 | 0   | alternating adj gate adj insulator     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:40 |
| S47 | 0   | alternating adj gate adj insulation    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:40 |
| S48 | 0   | alternating adj gate adj insulative    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:40 |
| S49 | 0   | ono adj between adj gate adj substrate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:41 |
| S50 | 1   | ono near gate near substrate           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:41 |
| S51 | 933 | ono with gate with substrate           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:42 |
| S52 | 63  | stacked adj gate adj dielectric        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:47 |
| S53 | 21  | stacked adj gate adj insulator         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:48 |



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| S54 | 36  | stacked adj gate adj insulation | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:51 |
| S55 | 3   | stacked adj gate adj insulative | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:53 |
| S57 | 36  | (dielectric adj stack) near ono | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:57 |
| S58 | 1   | (insulator adj stack) near ono  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:57 |
| S59 | 0   | (insulation adj stack) near ono | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:58 |
| S60 | 0   | (insulative adj stack) near ono | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 18:58 |
| S61 | 290 | (ono adj stack)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 19:10 |
| S62 | 5   | sonos adj rom                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 19:11 |

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| S64 | 513 | sonos and "257"/\$.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 20:38 |
| S65 | 370 | sonos and "257"/\$.ccls. and thickness | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:25 |
| S66 | 0   | hyun-khe-yoo.inv.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:26 |
| S68 | 0   | khe-yoo.inv.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:26 |
| S69 | 2   | hyun-yoo.inv.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:27 |
| S70 | 0   | ko-hsing-chang.inv.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:27 |
| S71 | 1   | ko-chang.inv.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:27 |
| S72 | 4   | hsing-chang.inv.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:28 |

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| S73 | 0  | chiu-tsung-huang.inv.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:28 |
| S74 | 1  | chiu-huang.inv.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:28 |
| S75 | 0  | tsung-huang.inv.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:50 |
| S76 | 2  | "6137718".pn. and charge    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:53 |
| S77 | 1  | "6137718".pn. and tunneling | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:54 |
| S78 | 1  | "6137718".pn. and tunnel    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/03 21:54 |
| S79 | 20 | chang-ko-hsing.inv.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/07 01:11 |
| S80 | 0  | chiu-tsung-huang.inv.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/06 12:42 |

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| S81 | 0 | chiu-tsung-huang.inv. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/06 12:42 |
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